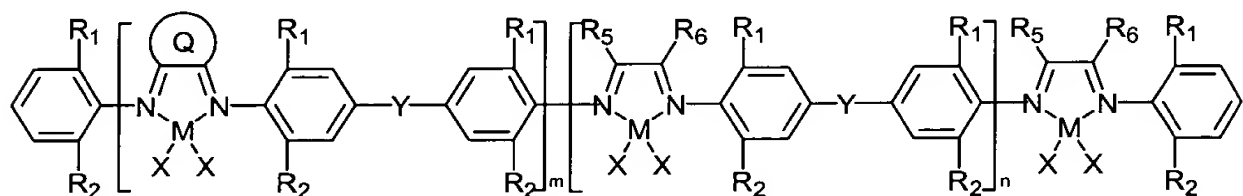
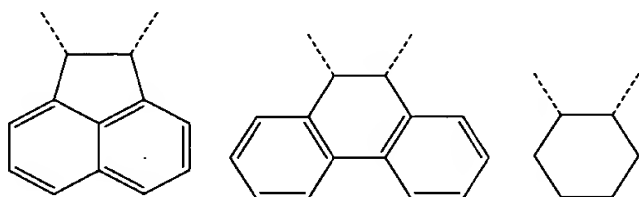


Please amend the Abstract as follows:

The present invention provides a polynuclear  $\alpha$ -diimine Ni(II) complex used as the precursor of the catalyst in polymerizing ~~polyolefine~~ polyolefin, represented by the following formula:



wherein M is Ni; X is Cl or Br; m and n is independently an integer from 0 to 100, respectively; R<sub>1</sub> and R<sub>2</sub> ~~is~~ are the same or different, and ~~is~~ are selected from the group consisting of H, methyl, ethyl, isopropyl and tert-butyl; Y is CR<sub>3</sub>R<sub>4</sub>, wherein R<sub>3</sub> and R<sub>4</sub> ~~is~~ are the same or different, and ~~is~~ are selected from the group consisting of H, methyl, ethyl, propyl, butyl and phenyl, or R<sub>3</sub> and R<sub>4</sub> forming a cyclic alkyl group; R<sub>5</sub> and R<sub>6</sub> ~~is~~ are the same or different, and ~~is~~ are selected from the group consisting of methyl, ethyl, propyl and heterocyclic group; Q is a cyclic divalent residual group of the following formula or a mixture thereof:



The compound of this invention can be used to catalyze the polymerization of ethylene and to prepare high molecular weight branched polyethylene.